

### ABSTRACT OF THE DISCLOSURE

To enable a main terminal device to implement specific functions in cooperation with a sub terminal device, when a fax machine serving as the main terminal device stores conversion request data in a shared area of its RAM (S130), a personal computer serving as the sub terminal device generates converted image data based on the conversion request data stored on the fax machine end and stores the resulting data on the fax machine end. Subsequently, the fax machine reads the converted image data stored by the personal computer and transmits this image data. In this way, the fax machine can direct the personal computer to execute part of the process simply by storing request data in a shared area of the RAM, thereby transmitting converted image data in cooperation with the personal computer.